ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Acopian V28PT28AFPH* at our website: *Click HERE*

D A T A S H E E T

Acopian Power Supplies

Rack Mounting
LINEAR REGULATED
AC-DC single and dual tracking outputs

- Shipped Within 9 Days
- All Models U.L. Recognized
- Five Year Warranty



(Meters and Handles optional)

Don't forget these facts about Acopian....

1. We ship within 3 Days (see our 3 Day Shipping Promise below).
2. Acopian power supplies last a *very long time*.
3. The Voltage Finder is the quickest way to find a power supply with the specs you need.
4. The Online System builder (www.acopian.com/SystemBuilder) is a convenient way to get your own custom Power System (and they ship within 9 Days).
5. You always talk to a real person when you call Acopian.
6. You can order your Acopian power supplies factory direct.
7. You can order your Acopian power supplies online.
8. All Acopian products are made in the USA.

Acopian Technical Company • Easton, PA
1-800-523-9478 • www.acopian.com
Order Factory Direct
Made in USA



single & dual tracking outputs

Rack Mounting

LINEAR REGULATED
AC-DC



(Meters and handles optional)

- Shipped Within 9 Days
- All Models U.L. Recognized
- Five Year Warranty

Acopian rack-mounting power supplies feature excellent regulation and ripple specifications in 101 models with outputs up to 150 volts and 60 amps. Metering and overvoltage protection are available as options. These power supplies are constructed in sturdy extruded aluminum assemblies designed expressly for mounting in standard 19″ wide RETMA cabinet racks. The front panels are finished in light gray enamel.

SPECIFICATIONS

Input Voltage: 105-125 VAC, 50-400 Hz, single phase.

Remote Voltage Sensing: Provision for sensing the output voltage across the load is a standard feature.

Polarity:

Single Output Models: Output is floating; either positive or negative terminal may be grounded or floated up to 300 volts above ground.
Dual Output Models: Positive output, common, negative output.

Temperature Coefficient:

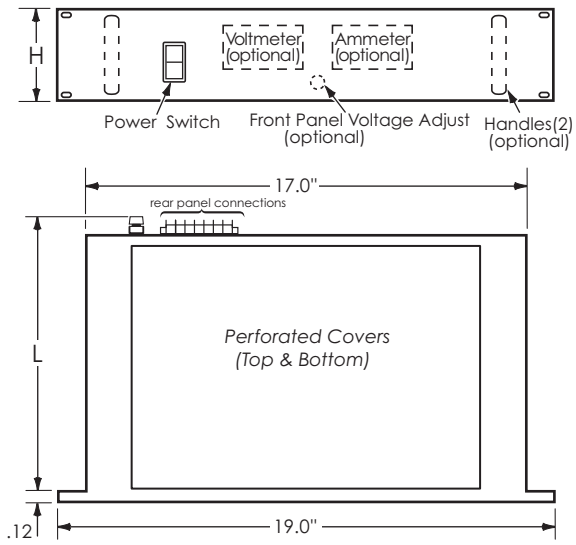
Single Output Models: 0.015%/°C (Typical).
Dual Output Models: 0.02%/°C (Typical).

Ambient Operating Temperature:

Single Output Models: –20 to +55°C.
Dual Output Models: –10 to +55°C.

Storage Temperature: –55 to +85°C.

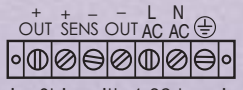
Overload/Short Circuit Protection: Foldback current limiting with automatic recovery.



Case Size	H	L	Approx. Weight
3P11	3½″	10⅞″	22 lb.
3P17	3½″	16 13/16″	38 lb.
5P12	5¼″	11 15/16″	28 lb.
5P17	5¼″	16 13/16″	53 lb.

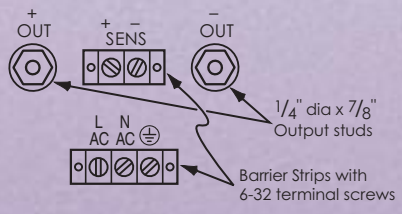
CONNECTIONS (Single Output models)**:**

Case sizes 3P11 and 5P12:

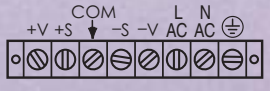


3P11 Barrier Strip with 6-32 terminal screws
5P12 Barrier Strip with 8-32 terminal screws

Case sizes 3P17 and 5P17:



CONNECTIONS (Dual Output models)**:**



Barrier Strip with 6-32 terminal screws

Online Ordering and Instant Quotes for ALL Acopian power supplies at ***www.acopian.com***
P.O. Box 638, Easton, PA 18044 • Phone: (610) 258-5441 • FAX: (610) 258-2842

SINGLE OUTPUT

Nominal Output Voltage	Adjust Range ± V	Output Current Amps. at 40°C	Output Current Amps. at 55°C	Regulation Load* ±%	Regulation Line* ±%	Ripple mV RMS	($) Price	Model	Case Size
1.5	.5	20	20	.005	.005	.25	$575	1.5PT20	3P11
1.5	.5	32	27	.005	.005	.25	$700	1.5PH32	5P12
1.5	.25	60	47	.05	.05	1	$1015	1.5PH60	5P17
2	.5	20	20	.005	.005	.25	$575	2PT20	3P11
2	.5	30	25	.005	.005	.25	$695	2PH30	5P12
3	.5	20	20	.005	.005	.25	$575	3PT20	3P11
3	.5	30	25	.005	.005	.25	$700	3PH30	5P12
3	.25	60	47	.05	.05	1	$1015	3PH60	5P17
3.3	.5	20	20	.005	.005	.25	$575	3.3PT20	3P11
3.3	.5	32	27	.005	.005	.25	$700	3.3PH32	5P12
3.3	.25	60	47	.05	.05	1	$1015	3.3PH60	5P17
5	.5	20	20	.005	.005	.25	$575	5PT20	3P11
5	.5	32	27	.005	.005	.25	$700	5PH32	5P12
5	.25	48	37	.05	.05	1	$875	5PT48	3P17
5	.25	60	47	.05	.05	1	$1015	5PH60	5P17
6	.5	20	20	.005	.005	.25	$575	6PT20	3P11
6	.5	28	23	.005	.005	.25	$700	6PH28	5P12
6	.25	47	36	.05	.05	1	$875	6PT47	3P17
6	.25	58	45	.05	.05	1	$1015	6PH58	5P17
7	.5	20	20	.005	.005	.25	$575	7PT20	3P11
8	.5	20	20	.005	.005	.25	$575	8PT20	3P11
8	.5	28	23	.005	.005	.25	$700	8PH28	5P12
8	.25	54	42	.05	.05	1	$1015	8PH54	5P17
9	.5	20	20	.005	.005	.25	$575	9PT20	3P11
9	.5	41	32	.05	.05	1	$875	9PT41	3P17
9	.5	52	41	.05	.05	1	$1015	9PH52	5P17
10	.5	20	20	.005	.005	.25	$575	10PT20	3P11
10	.5	25	20	.005	.005	.25	$700	10PH25	5P12
10	.5	50	39	.05	.05	1	$1015	10PH50	5P17
12	.5	17	17	.005	.005	.25	$575	12PT17	3P11
12	.5	22	22	.005	.005	.25	$700	12PH22	5P12
12	.5	33	26	.05	.05	1	$875	12PT33	3P17
12	.5	45	35	.05	.05	1	$1015	12PH45	5P17
13	.5	16	16	.005	.005	.25	$575	13PT16	3P11
13	.5	43	34	.05	.05	1	$1015	13PH43	5P17
14	.5	12	12	.005	.005	.25	$575	14PT12	3P11
15	.5	10	10	.005	.005	.25	$575	15PT10	3P11
15	.5	19	16	.005	.005	.25	$700	15PH19	5P12
15	.5	25	20	.05	.05	1	$875	15PT25	3P17
15	.5	40	31	.05	.05	1	$1015	15PH40	5P17
16	.5	10	10	.005	.005	.25	$575	16PT10	3P11
18	.5	10	10	.005	.005	.25	$575	18PT10	3P11
18	.5	18	15	.005	.005	.25	$700	18PH18	5P12
18	.5	24	19	.05	.05	1	$875	18PT24	3P17
18	.5	36	28	.05	.05	1	$1015	18PH36	5P17
20	.5	10	10	.005	.005	.25	$575	20PT10	3P11
20	.5	16	14	.005	.005	.25	$700	20PH16	5P12
20	.5	23	18	.05	.05	1	$875	20PT23	3P17
20	.5	32	25	.05	.05	1	$1015	20PH32	5P17
22	.5	10	10	.005	.005	.25	$575	22PT10	3P11

*or 2 mv, whichever is greater.

Nominal Output Voltage	Adjust Range ± V	Output Current Amps. at 40°C	Output Current Amps. at 55°C	Regulation Load ±%	Regulation Line ±%	Ripple mV RMS	($) Price	Model	Case Size
24	.5	10	10	.005	.005	.25	$575	24PT10	3P11
24	.5	15	13	.005	.005	.25	$700	24PH15	5P12
24	.5	20	16	.05	.05	1	$875	24PT20	3P17
24	.5	30	23	.05	.05	1	$1015	24PH30	5P17
25	.5	10	10	.005	.005	.25	$575	25PT10	3P11
26	.5	10	10	.005	.005	.25	$575	26PT10	3P11
28	.5	10	10	.005	.005	.25	$575	28PT10	3P11
28	.5	14	12	.005	.005	.25	$700	28PH14	5P12
28	.5	19	15	.05	.05	1	$875	28PT19	3P17
28	.5	28	22	.05	.05	1	$1015	28PH28	5P17
30	.5	10	10	.005	.005	.25	$575	30PT10	3P11
30	.5	14	12	.005	.005	.25	$700	30PH14	5P12
32	.5	5	5	.005	.005	.25	$505	32PT5	3P11
32	.5	10	10	.005	.005	.25	$655	32PT10	5P12
34	.5	5	5	.005	.005	.25	$515	34PT5	3P11
34	.5	10	10	.005	.005	.25	$660	34PT10	5P12
35	.5	5	5	.005	.005	.25	$525	35PT5	3P11
35	.5	10	10	.005	.005	.25	$680	35PT10	5P12
36	.5	5	5	.005	.005	.25	$530	36PT5	3P11
36	.5	10	10	.005	.005	.25	$690	36PT10	5P12
38	.5	5	5	.005	.005	.25	$540	38PT5	3P11
38	.5	10	10	.005	.005	.25	$695	38PT10	5P12
40	.5	5	5	.005	.005	.25	$540	40PT5	3P11
40	.5	10	10	.005	.005	.25	$710	40PT10	5P12
45	.5	5	5	.005	.005	.25	$550	45PT5	3P11
45	.5	10	10	.005	.005	.25	$730	45PT10	5P12
48	.5	5	5	.005	.005	.25	$550	48PT5	3P11
48	.5	10	10	.005	.005	.25	$730	48PT10	5P12
48	.5	15	12	.005	.005	.25	$905	48PT15	5P17
50	.5	5	5	.005	.005	.25	$550	50PT5	3P11
50	.5	10	10	.005	.005	.25	$730	50PT10	5P12
55	.5	5	3.8	.005	.005	.25	$560	55PT5	3P11
55	.5	8	6	.005	.005	.25	$745	55PT8	5P12
60	.5	5	3.8	.005	.005	.25	$565	60PT5	3P11
60	.5	8	6	.005	.005	.25	$760	60PT8	5P12
75	1	4	3	.01	.01	1	$575	75PT4	3P11
75	1	5.6	4.2	.01	.01	1	$790	75PT5	5P12
90	1	3.3	2.5	.01	.01	1	$590	90PT3	3P11
90	1	4.4	3.3	.01	.01	1	$795	90PT4	5P12
100	1	3	2.2	.01	.01	1	$600	100PT3	3P11
100	1	4	3	.01	.01	1	$810	100PT4	5P12
120	1	2.5	1.8	.01	.01	1	$610	120PT2	3P11
120	1	3.5	2.6	.01	.01	1	$820	120PT3	5P12
125	1	2.5	1.8	.01	.01	1	$620	125PT2	3P11
125	1	3.5	2.6	.01	.01	1	$835	125PT3	5P12
150	1	2.3	1.7	.01	.01	1	$620	150PT2	3P11
150	1	3	2.2	.01	.01	1	$835	150PT3	5P12

DUAL TRACKING OUTPUTS

Nominal Output Voltages	Adjust Range ± V	Amps. per Output at 40°C	Amps. per Output at 55°C	Regulation Load ±%	Regulation Line ±%	Ripple mV RMS	($) Price	Model	Case Size
±12	.5	7	5.6	.1	.1	1.5	$590	PD12-700	3P11
±12	.5	9	7.2	.1	.1	1.5	$710	PD12-900	5P12
±15	.5	7	5.6	.1	.1	1.5	$590	PD15-700	3P11
±15	.5	9	7.2	.1	.1	1.5	$710	PD15-900	5P12

OPTIONS

EXAMPLE: The Model 5PT20 equipped with all options is designated as the Model V5PT20AFHMP-230. (List suffix letters in alphabetical sequence.)

Overvoltage Protection: An internally installed and preset overvoltage protector is available. On dual output models, if either output fails, both outputs are 'crowbarred'. To order, add prefix "V" to the model number and increase price as follows:

Outputs of	1.5-70V	75-150V
Case size 3P11	$35.00	$45.00
Other case sizes	$85.00	$95.00

Front Panel Voltage Adjustment: Standard models have a voltage adjustment located at the rear. A voltage control mounted on the front panel is available as an option. To order, add suffix "P" to the model number and $15.00 to price.

Handles: Add suffix "H" to model number and $30.00 to price.

Terminal Strip Cover: Clips on. To order, add suffix "M" to model number and $5.00 to price.

Metering (Single Output Models):
Ammeter: Add suffix "A" to model number and $60.00 to price.
Voltmeter: Add suffix "F" to model number and $60.00 to price.

Metering (Dual Output Models):
Ammeters: One for each output. Add suffix "A" to model number and $120.00 to price. "A" and "F" options cannot be combined in one power supply.
Voltmeters: One for each output. Add suffix "F" to model number and $120.00 to price. "A" and "F" options cannot be combined in one power supply.
Voltmeter and Ammeter: Each with switch for selecting output to be monitored. Add suffix "G" to model number and $170.00 to price.

230 Volt Input: For operation on inputs of 210 to 250 VAC, 50-400 Hz. Add suffix "–230" to model number and $40.00 to price. The "–230" option requires two additional days.

About Acopian's 3 Day Shipment Guarantee:

In 1964, Acopian initiated its "3 Day Shipping Guarantee." Since then our product offerings have expanded to include many more lines of power supplies that ship within 3 Days as well as others that ship within 6 or 9 Days. These guarantees apply to every model in the Acopian catalog.

Our unique 3-day shipping guarantee has prompted many questions. Below are some of those most often asked:

What does Acopian's 3-day shipping promise mean?
It means that power modules listed in this catalog are shipped within 3 days after we receive your order. High Voltage, Redundant, Rack Mounting, Systems and certain Switching power supplies are shipped within 9 days.

Has Acopian ever failed to meet this promise?
Never.

Do options affect shipping time?
The 230 volt input option and moisture/fungus-proofing option require two additional days. All other options do not affect shipping time.

Is the 3-day promise affected by quantity? Suppose we need 50 or 100 pieces?
The 3-day promise applies to orders for five or less modules. (Two or less for 9-day items). If requested, Acopian will ship five pieces of a larger order in 3 days and, with consideration of your requirement, schedule the balance. (Since each shipment is processed and priced as a separate order, for lowest prices request shipment in one lot.)

What if I need four or five different models? Does the 3-day promise still apply?
Yes. Guaranteed 3-day shipment applies to one model or to a combination of models.

Do I have to ask for 3-day shipment of my order?
3-day shipment is automatic. In fact, you must tell us if you want the shipment delayed.

How long after you ship will I have the power supplies?
Transportation time varies with the carrier used. Unless otherwise requested, Acopian ships small orders by UPS Ground.

You say Acopian has never failed to meet the 3-day promise. How do you do it?
Our facilities have been designed and equipped to meet our 3-day shipment promise. When your order is received, your power supplies are built specifically for you and shipped within three days. We do not ship from stock. (For this reason, we are unable to accept returns for credit.)

I've seen other power supply manufacturers advertise "same-day shipment." Isn't that better than 3-day shipment?
A typical vendor's "same-day shipment" advertisement can only be fulfilled if the power supplies you need are in stock. Otherwise, a four to six week delay is not unusual before inventory is replenished and your order is shipped.
Acopian's 3-day shipment promise applies to ALL 3 Day models (larger units ship within 9 Days) and is not dependent on the quantity in stock. We build each unit after the order for that unit is received. If an order is needed faster, often times we can ship in less than 3 days.

If you require shipment even earlier than our standard promise, just let us know, we can usually ship sooner. We welcome the opportunity to work with you.

ACOPIAN...

...answers your phone call with a live salesperson
No automated menus. The person who answers your call will courteously and promptly answer your questions, quote price and delivery, expedite your urgent requirements, and offer you immediate access to our engineers.
Call toll free 800-523-9478.

…can customize power supplies for you
If a standard power supply does not meet all of your requirements, speak with one of our engineers. We can often modify the specifications, ratings and configuration of a supply. We can also combine several power supplies into a Multiple Output Power System with the operating features you specify (such as meters and switches) and ship it within 9 Days!

…has a 5-year warranty
This is typical: One of our customers sent us an old power supply with a note indicating that the supply had been in continuous use since 1972 (33 years!), but he had recently noticed that the output voltage was low. We found that the capacitors had dried up, replaced them and returned the supply to the customer, who thanked us and said he intends to keep using it. We focus on making power supplies that will last a long time. There are power supplies that cost less than ours, or that are smaller than ours, but you won't find any that last longer than ours. All too often, low-priced supplies are densely packed, run hot, have short lifetimes and short warranties. All Acopian metal-cased power products have a 5-year warranty, but you can expect them to last a lot longer.

Purchase Acopian... 3-day shipment, long lasting power supplies, and unsurpassed customer service.

"In my business, Acopian is referred to as bulletproof. It never fails and lasts forever."
- Steve Andrews, President
Technical Options, Inc.

"If Acopian made automobiles, I'd buy one without question."
- David A. Price, Research Technologist
Georgia Tech Research Institute

ORDERING INFORMATION & Terms and Conditions

ACOPIAN SELLS FACTORY DIRECT WORLDWIDE: We do not use representatives or distributors. Contact Acopian for technical information or a quote.

WARRANTY: Acopian power supplies are warranted to be free from defects in material and workmanship for a period of five years (encapsulated devices, for one year) from date of original shipment. Acopian's obligation under this warranty is limited to repairing any power supply returned to the factory Service Department in Easton, PA and replacing any defective parts. Mini Encapsulated power supplies are not repairable. Authorization must be obtained from Acopian before a power supply may be returned for repair. Units must be well packed when shipping to Acopian; the repair of any damage incurred during shipment will be charged. Transportation charges are to be paid by the purchaser. A reinspection and handling charge will be applied to returned units found to have no defects. If a failure has been caused by misuse, operation in excess of specifications, or modification by the customer, repairs will be billed at cost; in such cases, a cost estimate will be submitted before work is started.

Acopian reserves the right to make changes or improvements in its products without incurring any obligation to install the same on products previously manufactured.

This warranty is in lieu of all other warranties, obligations, and liabilities, expressed or implied, and is the purchaser's exclusive remedy. Acopian makes no warranty, either express or implied, of merchantability, fitness for a particular purpose or otherwise. In no event shall Acopian be liable whether in contract, tort, or negligence, for special, indirect, incidental or consequential damages of any kind, including loss of business or profits, or any other losses incurred by the purchaser or any third party, the Customer's remedies being limited, at Acopian's option, to replacement, repair or credit at the price on the date of claim.

The validity, performance and construction of all terms and conditions and any sale made by Acopian shall be determined by the law of Pennsylvania, without regard to its conflict of law principles, and all parties to the transaction expressly consent to the jurisdiction of such courts and consent to the venue of the Court of Common Pleas for Northampton County, Pennsylvania.

PRICES: The prices shown are F.O.B. our factory; Easton, PA. or Melbourne, FL.. All prices and specifications are subject to change without notice. Minimum order is $50.00.

TERMS: Net 30 days, subject to credit approval. Visa, MasterCard and American Express also accepted.

SHIPPING: Location permitting, small shipments are made by United Parcel Service, or by Parcel Post; larger shipments, by insured motor freight collect. Shipments can be made by air upon request. Risk of loss shall be F.O.B. Our Factory, even in cases where freight may be prepaid or allowed to destination by Acopian. If equipment is received in damaged condition, it is the customer's responsibility to contact the carrier and file a claim for damages.

TIME FOR DELIVERY: The time for delivery quoted by Acopian is the time required to ship from our plants. We will not be liable for delays in delivery caused by any reason beyond our control, including but not limited to acts of God, casualty, civil disturbance, labor disputes, transportation or supply difficulties, or any interruption of our facilities, and the quoted time for delivery shall be extended during the continuance of such conditions and for a reasonable time thereafter. In no event will Acopian be liable for any premium transportation, reprocurement, or similar costs incurred by the Customer as a result of conditions beyond Acopian's control resulting in Acopian's inability to deliver product in accordance with customer's requested delivery schedules.

QUANTITY DISCOUNTS: Discounts are available to quantity buyers and are dependent upon the order quantity and the manufacturing scheduling anticipated by the order, and apply only to the quantity and delivery ordered. Partial shipments are considered as separate orders for discounting purposes.

EXPORT ORDERS: A minimum export documentation charge of $60.00 applies. (A minimum charge of $25.00 applies on orders requiring customs forms for Canadian orders and for orders to certain U.S. territories.)

MOISTURE/FUNGUS PROOFING: Power supplies can be furnished with a moisture and fungus resistant varnish applied to interior surfaces. To order, add the suffix letter F to the model number. The additional cost is $25.00 per output and requires two additional days. Not available on High Voltage, Mini Encapsulated, Rack Mounting, and Gold Box Switching models.

TAGGING: Maximum of 15 characters/spaces. Add $10.00 to price.

TEST DATA: Cost, $35.00 or 2% of order, whichever is greater.

SPECIAL MODELS/MODIFICATIONS: Cataloged models can be altered at the factory to meet special requirements. Contact the Applications Engineering Department to discuss your needs.

PARTS: The designs used in Acopian power supplies utilize standard components to the greatest practical extent. When replacements are required, the types originally used, or their equivalents, can usually be obtained most quickly from a local electronic components distributor.

Special components, such as transformers, are stocked at the factory warehouses. Contact the Applications Engineering Department for information on the parts required, referencing the model number of the power supply, the circuit designation of the component, and a description.

PURCHASE ORDER ACCEPTANCE: Orders are accepted subject to Acopian's Terms and Conditions. Any Terms and Conditions of any Purchaser's order, agreement, or understanding which are in addition to or inconsistent with Acopian's shall not be binding upon Acopian unless made in writing and accepted over the signature of an authorized officer of Acopian. Orders shall not be considered accepted until entered into production at our plant. Acopian reserves the right to refuse any order. All typographical and clerical errors are subject to correction by Acopian.

RETURNED GOODS: Acopian products are built on a per-order basis, and ordinarily no credit can be extended for their return. No goods will be accepted for return unless authorized in writing by Acopian.

CHANGES: The customer may, by a written notice, request changes within the general scope of the order, in the drawings, designs or specifications; method of shipment; and place of delivery. If any such change causes an increase or decrease in the cost, or the time required for the processing of any part of the order, an equitable adjustment shall be made in the price or delivery schedule, or both, and the order shall be modified in writing accordingly.

CANCELLATION: Suspension or cancellation of orders may be made only upon our written approval and on terms that will indemnify us against all loss.

OVERTIME: It is anticipated that any order will be processed during regular working hours on regular working days. If for any reason the Purchaser requests Acopian to process the order, or any portion of it, outside of such regular working hours, any overtime or other additional expense occasioned thereby shall be billed to and paid by the Purchaser as an extra cost. Acopian reserves the right to decline to process the order outside regular working hours.

CUSTOMER DELAY OF WORK: If the performance of all or any part of the work is delayed or interrupted by Customer's failure to act within the time specified (or within a reasonable time if no time is specified) and such act is not expressed or implied by the order, an adjustment shall be made in the cost of performance of the order caused by such delay or interruption and the order modified in writing accordingly. Adjustment will also be made in the delivery or performance dates and any other contractual provisions affected by such delay or interruption.

GOVERNMENT SPECIFICATIONS: Pricing is based upon industrial-grade construction, marking, packing, and packaging. Exception is taken to any MIL specifications, and to any requirements for the use of special forms, documentation other than quoted, and Government Source Inspection. Acopian must decline to quote on any other basis.

APPLICATIONS ASSISTANCE: ***Questions regarding the specifications, features, and use of any Acopian product should be directed to the Applications Engineering Department. A staff of power supply specialists will be pleased to assist you.***

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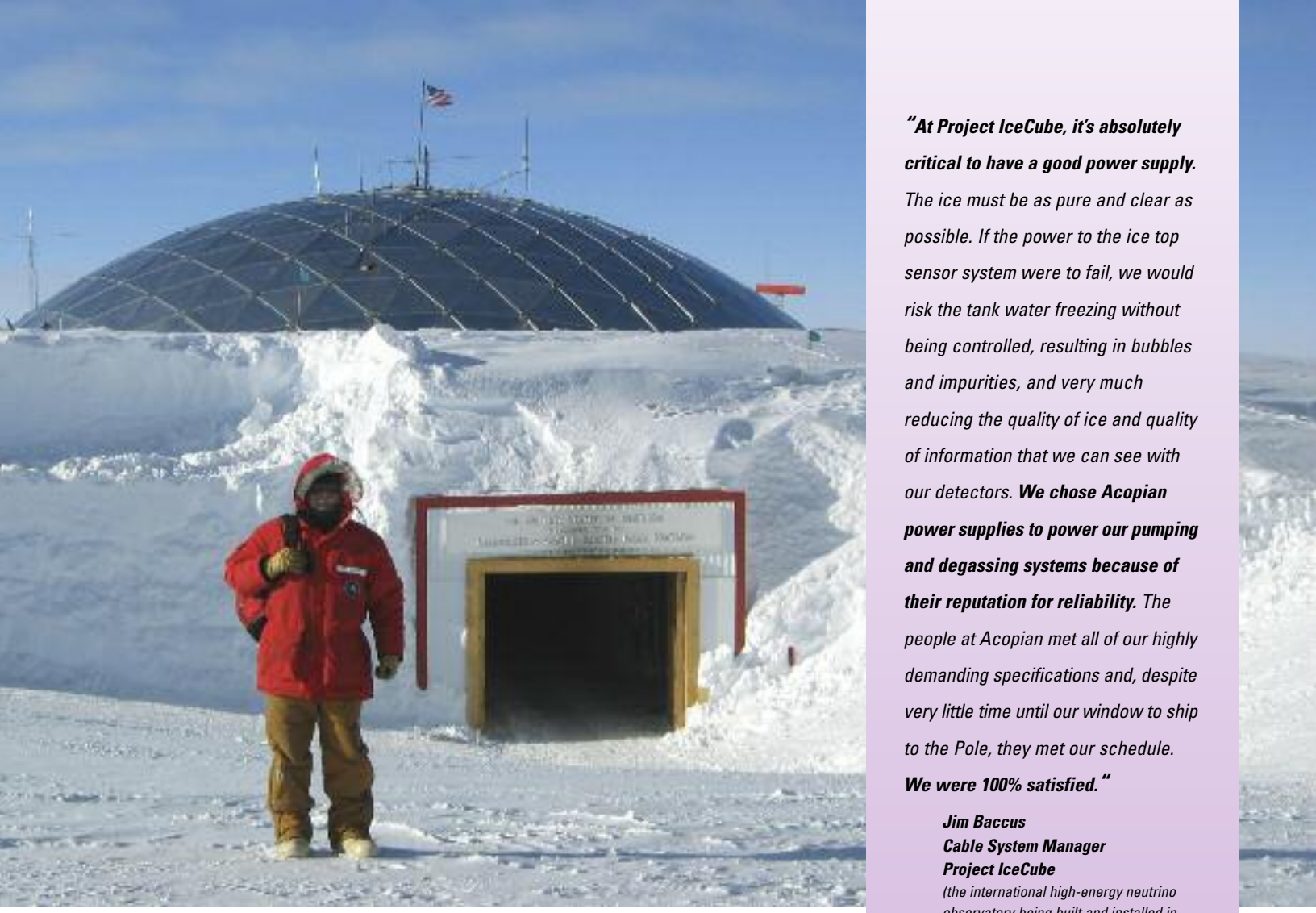


PHOTO COURTESY OF THE ICECUBE PROJECT

*"**At Project IceCube, it's absolutely critical to have a good power supply.** The ice must be as pure and clear as possible. If the power to the ice top sensor system were to fail, we would risk the tank water freezing without being controlled, resulting in bubbles and impurities, and very much reducing the quality of ice and quality of information that we can see with our detectors. **We chose Acopian power supplies to power our pumping and degassing systems because of their reputation for reliability.** The people at Acopian met all of our highly demanding specifications and, despite very little time until our window to ship to the Pole, they met our schedule. **We were 100% satisfied."***

Jim Baccus
Cable System Manager
Project IceCube
(the international high-energy neutrino observatory being built and installed in the ice below South Pole Station)

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